

# Science East Building Renovation -- No. 076623

Category  
Agency  
Planning Area  
Relocation Impact

Montgomery College  
Montgomery College  
Rockville

Date Last Modified  
Required Adequate Public Facility

November 13, 2006  
NO

## EXPENDITURE SCHEDULE (\$000)

| Cost Element                        | Total | Thru<br>FY06 | Rem.<br>FY06 | Total<br>6 Years | FY07 | FY08  | FY09 | FY10 | FY11 | FY12 | Beyond<br>6 Years |
|-------------------------------------|-------|--------------|--------------|------------------|------|-------|------|------|------|------|-------------------|
| Planning, Design<br>and Supervision | 2,798 | 0            | 0            | 2,798            | 0    | 2,798 | 0    | 0    | 0    | 0    | 0                 |
| Land                                |       |              |              |                  |      |       |      |      |      |      |                   |
| Site Improvements<br>and Utilities  |       |              |              |                  |      |       |      |      |      |      |                   |
| Construction                        | 0     | 0            | 0            | 0                | 0    | 0     | 0    | 0    | 0    | 0    | 0                 |
| Other                               | 0     | 0            | 0            | 0                | 0    | 0     | 0    | 0    | 0    | 0    | 0                 |
| Total                               | 2,798 | 0            | 0            | 2,798            | 0    | 2,798 | 0    | 0    | 0    | 0    | 0                 |

## FUNDING SCHEDULE (\$000)

|            |       |   |   |       |   |       |   |   |   |   |   |
|------------|-------|---|---|-------|---|-------|---|---|---|---|---|
| G.O. Bonds | 1,399 | 0 | 0 | 1,399 | 0 | 1,399 | 0 | 0 | 0 | 0 | 0 |
| State Aid  | 1,399 | 0 | 0 | 1,399 | 0 | 1,399 | 0 | 0 | 0 | 0 | 0 |

## ANNUAL OPERATING BUDGET IMPACT (\$000)

### DESCRIPTION

This project provides for the realignment/renovation of space in the Science East building (53,737 GSF) on the Rockville campus in accordance with the College's facilities Master Plan (1/04) and the building educational space specifications. The renovated building will house general purpose classrooms. The building renovation will include general building improvements, HVAC system replacement and related energy conservation measures, and building access improvements. A building survey in FY89 determined that the building structure is fireproofed with a sprayed on asbestos product and asbestos thermal insulation is used on the mechanical systems. Asbestos removal is determined to be the most appropriate response under Federal and State asbestos guidelines. The removal project will include mechanical system reinsulation and re-fireproofing in conformance with the local fire code.

### JUSTIFICATION

Science East was constructed in 1965 and the greenhouse addition was constructed in 1970. The building no longer adequately supports the educational programs and support functions housed in it. The College plans to coordinate the renovation of Science East with the construction of the Rockville Science Center. The Biology and Physics departments will relocate to the new Rockville Science Center when it is completed in FY10.

The existing mechanical system is inadequate and will be replaced along with the existing lighting to create better illumination levels and greater energy efficiency. The funds requested will also provide for the reassignment, realignment, and renovation of space, including furniture and equipment; energy conservation; and handicapped modification measures.

### Plans and Studies

Collegewide Facilities Condition Assessment (8/02), Collegewide Facilities Master Plan (1/04), Renovation/Addition to the Science East & Science West Buildings (5/06).

### Cost Change

The cost of this project has increased due to FY08 Bond Bill cost escalations. The state has recognized the increasing costs of the current construction market and is using the following escalation factors: 8% in 2006, 8% in 2007, 5% in 2008, and 5% thereafter. These cost escalations have been incorporated into the project.

### STATUS

In 1988, an emergency removal of an asbestos acoustical ceiling treatment was completed in room 119 and adjacent spaces. Building renovation planning and design is anticipated to commence in FY08 with a building asbestos removal and renovation scheduled to begin in FY10.

### OTHER

FY08 Appropriation: \$2,798,000 (\$1,399,000 -- G.O. Bonds and \$1,399,000 -- State Aid).

State share of project based on anticipated eligible costs. Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement.

### APPROPRIATION AND EXPENDITURE DATA

|                                       |      |         |
|---------------------------------------|------|---------|
| Date First Appropriation              | FY00 | (\$000) |
| Initial Cost Estimate                 |      | 1,224   |
| First Cost Estimate                   |      |         |
| Current Scope                         | FY02 | 10,929  |
| Last FY's Cost Estimate               |      | 1,986   |
| Present Cost Estimate                 |      | 2,798   |
| Appropriation Request                 | FY08 | 2,798   |
| Supplemental<br>Appropriation Request | FY07 | 0       |
| Transfer                              |      | 0       |
| Cumulative Appropriation              |      | 0       |
| Expenditures/<br>Encumbrances         |      | 0       |
| Unencumbered Balance                  |      | 0       |
| Partial Closeout Thru                 | FY05 | 0       |
| New Partial Closeout                  | FY06 | 0       |
| Total Partial Closeout                |      | 0       |

### COORDINATION

Rockville Science Center (CIP#036600)  
Science West Building Renovation (CIP#976645)

Montgomery College asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

### MAP

**AGENCY REQUEST**